

2016-17 Section 99h: FIRST Robotics Grant Technical Assistance



For Inspiration and Recognition of Science and Technology

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Please mute your phone. We will be monitoring the chat tool in the webinar for questions. We will also open for questions at the end of the conference call.

Grant Purpose

- To support the State Board of Education's Mission and Top 10 in 10 Years Goals and Strategies
- To support students in grades K-12 through participation in FIRST Progression of programming.

Eligible Applicants

- Local Education Agencies (LEAs)
- Public School Academies (PSAs)
- Intermediate School Districts (ISDs)

Grant Requirements

- Defined in Statute:
 - ▶ established a partnership for the purpose of the FIRST program with at least one sponsor, business entity, higher education institution, or technical school;
 - ▶ shall submit a spending plan;
 - ▶ shall pay at least 25% of the cost of the FIRST Robotics program; and
 - ▶ shall provide a local match from other private or local funds for the received under the subdivision for support awards equal to at least 50% of the costs of participating in an event.
- ▶ Competitive Process

Grant Requirements, cont.

- ▶ Competitive Grant Prioritization:
 - ▶ High economically disadvantaged populations (focus and priority based schools).
 - ▶ Schools that serve a high percentage of low income families (based on Free and Reduced Lunch count data).
 - ▶ Rookie teams, as defined by FIRST, participating in the FIRST Robotics.
 - ▶ Districts that establish feeder teams (teams that generate student populations that will potentially move up to high school or middle school programs).
 - ▶ Districts in a broad geographical distribution.

Grant Requirements, cont.

➤ Proposed by Staff:

- ▶ Register their team with www.firstinspires.org.
- ▶ Provide MDE with an electronic roster, which includes student Unique Identification Code (UIC).
- ▶ Have a current FIRST Robotics program, team number, and coach in place.
- ▶ Be willing to offer elective high school credits for students who have successfully logged 60 hours, provided the team attends a minimum of two FIRST in Michigan district competitions.
- ▶ Be willing to participate in the digital badging program established by the statewide FIRST Robotics team of coaches.
- ▶ Be willing to start a FIRST Team to build a full K-12 FIRST in Michigan progression within the school district.
- ▶ FTC middle school teams must agree to participate in at least one FTC middle school qualifying event, and FRC high school teams must agree to participate in at least two FRC high school district events. To issue credit for participating on a FIRST Robotics team, a school district must assign a certified teacher as the teacher of record. Because robotics is not a core subject, the teacher of record must be certified in the grade range, but not by a specific content area, i.e., science or mathematics.

FIRST Funding

- \$2.5 million appropriated in the FY 2016 State School Aid Act
- Estimated \$52,000 in carry-over from FY 2015
- Work project - completion date September 2019

Grant Structure

- Coach's Stipend Award
- Support Award (Event Registrations, Materials, Travel Costs, Other)
- Advancement Award

Coach's Stipend Award

- \$1,500 for a FIRST Coach's salary only
- District is required to match 25% of each Coach's Stipend award, which is \$375 per stipend*
- Awards are limited

* If the coach is a district teacher, districts can use the \$375 matching funds to pay for teacher FICA and social security. If the coach is not an employee and simply in receipt of the stipend, the district may pay out the grant (\$1,500) plus the matching funds (\$375) to award the coach a total of \$1,875.

Support Awards*

Can be used to pay for FIRST registration, FIRST events, materials, travel costs, and other expenses associated with the FIRST team (promotional items, etc.)

- ❖ Rookie High School FIRST Robotics Teams - \$7,500
- ❖ 2nd year High School FIRST Robotics Teams - \$5,000
- ❖ 3rd year High School FIRST Robotics Teams - \$2,000
- ❖ 4th year and beyond High School FIRST Robotics - \$1,000
- ❖ FIRST Tech Challenge Teams - \$300
- ❖ FIRST Lego League Teams - \$200
- ❖ JR. FIRST Lego League Teams - \$100

*Districts must provide 50% match for Support Grants

Advancement Awards*

Contingent upon funding**, teams that **qualify and participate** in State, Super-Regional (FTC only), and World Competitions will automatically begin to receive their Advancement Grant awards beginning in the May 2017 State School Aid Payments. FIRST in Michigan will supply a list to the MDE of all advancing teams.

*Districts must provide 25% match for Advancement Grants

**Contingent upon funding, the MDE will provide an award of equal amount for reasonable expenses.

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Coach Stipend and Support Grants Award Payment Schedule

| |
|--|
| December 20 (3/11 th of full award amount) |
| Additional Award Dates (each payment totaling 1/11 th of full award amount) |
| January 20 |
| February 20 |
| March 20 |
| April 20 |
| May 20 |
| June 22 |
| July 20 |
| August 20 |

Advancement Grants Award Payment Schedule

| |
|--|
| May 20 (8/11 th of full award amount) |
| Additional Award Dates (each payment totaling 1/11 th of full award amount) |
| June 22 |
| July 20 |
| August 20 |

Application Process

Available in MEGS+

- 1 application per district
- Application allows for multiple team submission
- Each team must have:
 - Team and sponsor pages
 - District-wide cumulative FIRST Spending plan uploaded

MEGS+² Site: <https://mdoe.state.mi.us/MEGSPlus/>

Only a MEGS+ Level 5 individual can submit an application. If you have a MEGS account, you can log into MEGS+ to look up who your district Level 5 is.

Step 1: Log-in to MEGS+ and Click on Agencies



Step 2: Click on Agency to find associated Level 5

Agencies

Select an Agency to view the information for that Agency.

Agency Information

| Agency | Recipient Code | Role | Active Dates | Assigned By |
|---|----------------|---|-------------------------|-------------------|
| Allegan Area Educational Service Agency | 03000 | MEGS: Level 4 Application Administrator | 03/31/2011 - open ended | Tkaczyk, Mr. Josh |

² Information on MEGS+ accounts here: <http://www.michigan.gov/mde/0,4615,7-140-52>

Step 3: Click on Agency Contacts

Main Menu > Administration > Agency Administration

Allegan Area Educational Service Agency

[Agency Information](#) | [Agency Contacts](#) | [Agency Application/Tasks](#) | [Agency Details](#)

A list of agency contacts will appear and you can find the Level 5s in the list

| Person | MEGS+ Role | Active Dates | Last Modified | Last Modified Date |
|--|---|--------------|-------------------|-----------------------|
| Aspinwall, Mr. Russ | MEGS: Level 4 Application Administrator | 5/21/2013 - | Bradley, Ms. Lisa | 5/21/2013 11:58:37 AM |
| Blankenship, Ms. Linda | MEGS: Level 4 Application Administrator | 3/31/2011 - | Bradley, Ms. Lisa | 3/23/2012 4:04:30 PM |
| Bradley, Ms. Lisa | MEGS: Level 5 Authorized Official | 3/31/2011 - | Tkaczyk, Mr. Josh | 3/31/2011 1:32:26 PM |
| Burkhardt, Ms. Erika | MEGS: Level 1 Viewer | 2/26/2013 - | Bradley, Ms. Lisa | 2/26/2013 10:18:50 AM |
| Burton-Snell, Ms. | MEGS: Level 1 Viewer | 3/31/2011 - | Bradley, Ms. | 11/15/2013 |

MEGS+ - Team Page

TEAM INFORMATION

Instructions: Please complete per FIRST Robotics team in your district.

FIRST Team Information

- * Team Name:
- * FIRST Team Number:
- * Building Team is Associated With:

FIRST Team Coach Information

- * First Name:
- * Last Name:
- * Telephone Number:
- * Email address:

Team is applying for:

- * A coach stipend Yes No
 District agrees to provide at least 25% match of stipend.

- * Select one from dropdown menu:

- * District agrees to provide at least a 50% match to the support award funds.
- * If FIRST program team advances and competes, district agrees to provide local match of at least 25% of total advancement award.

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MEGS+ - Sponsor Page

PARTNERSHIP INFORMATION

Instructions: Please complete one Partnership page for each team in your district.

FIRST Team Partnerships must include at least one sponsor. If you have more than one sponsor, list the sponsor that provides the most support. Sponsors can include:

- Business/Non-Profit
- Higher Education Institute
- Technical School
- Individual

* FIRST Team:

Sponsor Information

* Name:

* Telephone Number:

* Email address:

MEGS+ - Spending Plan Upload

Plainwell Community Schools - 03010

Quick Links: [View/Edit](#) | [Change Status](#) | [Management Tools](#) | [Examine Related Items](#) | [View Comments](#)

Application: FY 2016 - FIRST Robotics | **Status:** Application In Progress | **Security Level:** MEGS+: Level 5 Authorized Official

Description:
[Details](#)

Please complete all required forms below.

Forms

| Status | Page Name | Comments | Created By | Last Modified By |
|-------------------------|---|----------|------------|------------------|
| | Cover Page | | | |
| | Assurances and Certifications | | | |
| | Important Information | | | |
| Team Information | | | | |
| | Team Information | | | |
| | Partnership Information | | | |

Attachments

[Attachments](#) **ATTACHMENTS**

[State of Michigan At](#)

[State of Michig](#)

Instructions:

1. Type in a descriptive title for the document that will be uploaded.
2. Click the **Browse** button and search for your document on your computer.
3. Once selected, the path to your file will appear in the Document Source field.
4. Click the **Save** button.
5. To upload another document, click the **Add** button.

NOTE: When you name your file to be uploaded, **DO NOT** leave any spaces, place a period between the words OR use any special characters, e.g. "/". In the document name. Attachments may be in **Word, PDF, JPG, XLS or GIF** format. The descriptive title entered does not have to be the same as the file name, and it can include spaces.

*Title:

*Document Source:

MEGS+ - Spending Plan Upload

FIRST Robotics MDE Spending Plan Worksheet: Input Values in the Yellow Cells

| District Name: | | | | |
|--------------------------|--|------------------------------------|---------------------------------------|--------------------------------|
| District Code: | | | | |
| Program | Description | Grant Award per Team/School | Required Match per Team/School | Indicate all that apply |
| HIGH SCHOOL FRC | Rookie (1st year) FRC Team | \$7,500 | \$3,750 | |
| | Second Year FRC Team | \$5,000 | \$2,500 | |
| | Third Year or older FRC Team | \$2,500 | \$1,250 | |
| | FRC Coach Stipend (limit of one per high school) | \$1,500 | \$375 | |
| MIDDLE SCHOOL FTC | Rookie or Veteran FTC Team | \$300 | \$150 | |
| | FTC Coach Stipend (limit of one per middle school) | \$1,500 | \$375 | |

A sample Spending Plan will be generated, based off of values entered above, on the 2nd tab called "Generated Sample Spending Plan".

The required match may be in the form of cash or the fair market value of in-kind donations from any of the following sources, including but not limited to: the school district, other grants, donations from corporate partnerships or individuals.

MEGS+ - Spending Plan Upload

| 2015-2016 FIRST Robotics MDE Grants Sample Spending Plan | | | | | |
|--|-------------------|---|----------------------------|------------------------------|------------|
| District Name: | 0 | | | | |
| District Code: | 0 | | | | |
| Total District Budget | Total \$0 | FRC \$0 | FTC \$0 | Anticipated Awards + Matches | |
| Award Components | Breakout | Detail | Description | Amount | |
| Anticipated MDE Award | \$0 | Does Not Include Advancement Awards (States, SuperRegional, Worlds) | | | |
| Team Support + Stipend | FRC Team | Event Registration | FRC team registration | \$0 | |
| | | Supplies & Materials | etc. | \$0 | |
| | | Salaries | Stipend for coach | \$0 | |
| | FRC Total: | | | | \$0 |
| | FTC Team | Team Registration | FTC team registration | \$0 | |
| | | Supplies & Materials | etc. | \$0 | |
| | | Salaries | Stipend for coach | \$0 | |
| FTC Total: | | | | \$0 | |
| 25% Match on Stipend | \$0 | One stipend per school per program | | | |
| School will pay FICA, etc. for coach on Stipend | FRC Team | Coach Stipend Match | Benefits for coach stipend | \$0 | |
| | FTC Team | Coach Stipend Match | Benefits for coach stipend | \$0 | |
| 50% Match on Team Support | \$0 | | | | |
| | FRC team | Other | Facility, equipment use | \$0 | |
| | | Travel Costs | Travel & other | \$0 | |
| | FTC team | Other | Facility, equipment use | \$0 | |

Spending Plan Worksheet

Generated Sample Spending Plan

Staff Assurance of Accuracy

- Full \$1,500 coach's stipend awarded to the district must be used solely to supplement FIRST Robotics team coach's salary.
- Support awards must be used solely for FIRST team registration and other FIRST-related team expenses.
- Each FTC team on the application agrees to participate in a minimum of one FIRST in Michigan middle school FTC qualifying event and each FRC team on the application agrees to participate in two high school FRC qualifying district events in the 2016-17 school year.
- If a middle school FTC team qualifies for State, Super-Regional, or World competitions, the team will participate in the competition. If a high school FRC team qualifies for State or World competitions, the team will participate in the competition.
- By submitting FIRST Robotics Grant application in MEGS+, the district agrees that all information provided is true and accurate. If it is found that information is incorrect, the MDE reserves the right to rescind funding awarded under²² Section 99h, FY 2016-17 State School Aid.

Key Dates*

- September 26 Release of MEGS+ Application
- November 7 MEGS+ Application Due Date
- November 9 Grant Application Reviews
- December 20 Awards Made via SAMS
- April 2016 2016-17 State Standardize Testing Window
- ▶ April 13-14 State Competition for FRC
- ▶ April 26-29 World Competition for FRC

*All dates subject to change at the discretion of MDE.

Section 99h Resources

- Webpage: <http://www.techplan.org/rdi>
 - RFP
 - Template Spending Plan
 - FAQ document - Coming Soon!
 - MEGS+ Step-by-Step Document - Coming Soon
- Questions? Contact:
 - Ann-Marie Mapes, mapesa@Michigan.gov,
 - (517) 335-2775
 - Amanda Stoel, stoela@michigan.gov,
 - (517) 241-3629

QUESTIONS?

